Customer No.: 31561
Application No.: 10/064,798
Docket No.: 9051-US-PA

In The Claims

Claim 1. (currently amended) A light source module, comprising:

a printed circuit board, on which a plurality of electrodes are formed;

a plurality of light-emitting diodes disposed on the printed circuit board and electrically coupled together; and

at least one light-collecting column, disposed over the printed circuit board, and covering the light-emitting diodes, wherein the a surface of the light-collecting column has a plurality of first regions and a plurality of second regions, the first regions and the second regions are arranged alternatively on the light-collecting column, wherein a transmittance for the first regions is smaller than a transmittance for the second regions, and the first regions are located above the light-emitting diodes, wherein the first region is a frosted surface.

Claim 2 (cancelled)

Claim 3. (currently amended) A light source module, comprising:

a printed circuit board, on which a plurality of electrodes are formed;

a plurality of light-emitting diodes disposed on the printed circuit board and electrically coupled together; and

at least one light-collecting column, disposed over the printed circuit board, and covering the light-emitting diodes, wherein the a surface of the light-collecting column has a plurality of first regions and a plurality of second regions, the first regions and the second regions are arranged alternatively on the light-collecting column, wherein a transmittance for the first

regions is smaller than a transmittance for the second regions, and the first regions are located above the light-emitting diodes, wherein

~~The light source module according to claim 1,~~ the first region includes a ~~firt~~ first ejected material and the second region includes a second ejected material.

Claim 4. (currently amended) A light source module, suitable for use in a scanner, comprising:

a printed circuit board, on which a plurality of electrodes are formed;

a plurality of light-emitting diodes disposed on the printed circuit board and electrically coupled together;

at least one light-collecting column, disposed over the printed circuit board, and covering the light-emitting diodes; and

a plurality of reflection boards, disposed between the light-emitting diodes and the printed circuit board, wherein a distance from a bottom of the light-emitting diodes to the printed circuit board is larger than a distance from a top of the reflection boards to the printed circuit board, so as to enhance a brightness at a region between the light emitting diodes.

Claim 5. (original) The light source module according to claim 4, wherein each of the reflection boards comprises a plurality of reflection surfaces.

Claim 6. (original) The light source module according to claim 4, wherein the reflection boards are used to reflect an incident light to a region between ~~the~~ the light-emitting diodes.